

2-29-56

STAT

To: [redacted]  
From: [redacted]  
Subject: Adaptor

1.

[redacted] was consulted and agreed  
to the use of the small evacuated type  
crystal in the subject unit instead  
of the Type FT-243. Please plan  
accordingly

STAT

STAT

This request withdrawn later - will use  
FT-243 type Xtal.

Cm

This document is part of an integrated  
file. If separated from the file it must be  
subjected to individual systematic review.

(23)



STAT

24 Feb 58

Notes from discussion on  prototype. STAT

I. Use micro-switch as key - lighter weight on spring.

II. Build two prototype

III Use one BFO frequency - adjustable around 455 kc by  $\pm 5$  kc.

IV Supply Telex fan piece for phones  
~~(Ham to use standard tips)~~ <sup>standard tips</sup> ~~by sealed collectors~~. splice in.

V Supply adapters for 1 pin Miniature and oral tube socket.

VI Antenna - ground connector - use studs with knurled caps swaged to prevent removal. (similar to present ground).

VII Small knobs (will be supplied by O.C.).

VIII SS-03 output transformer -  STAT  
 has on order.)

24 Feb. 58

I Changes to be incorporated in prototype:

- (a) Move  $\downarrow$  far enough away from octal socket to permit use of "G" type tubes.
- (b) Variable BFO frequency for use with receivers having IF other than 455 kc IF.
- (c) Call plug terminals at adapter-junction construction.
- (d) additional C to  $\downarrow$  for neon indicator-rayon type socket.
- (e) antenna input - more accessible
- (f) headphone jacks - farther apart
- (g) BFO adjust - move away from xtal socket